

Product datasheet for **RC208005**

ZNF280C (NM_017666) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF280C (NM_017666) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF280C
Synonyms:	SUHW3; ZNF633; ZPET
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC208005 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGACGACAAACCTTTTCAACCAAAAAACATTTCAAAAATGGCAGAACTCTTTATGGAATGTGAAG
 AAGAAGAGCTAGAGCCATGGCAGAAGAAAGTAGAAGAAACTCAGGATGAGGATGACGATGAACTGATCCTT
 TGTTGGAGAGATATCAAGTTCAAAACCAGCCATTTCAAATATTTTGAACAGAGGCCACTCCAGCTCATCT
 TCAAAAGGAATAAAGAGTGAGCCACACAGTCCAGGTATTCCTGAAATATTCAGGACTGCAAGTCAACGCT
 GCAGAGACCCACCATCAAATCCAGTGGCTGCCTCGCTAGATTTTCATCTTGTATCTAAATCTTCACAAAG
 CTCTGTTACTGTTGAGAATGCGTCTAAACCTGATTTTACAAGAATTACAAGTTGGATCGGATAATTCT
 TCAATTTTACTGTTTACTCGACCCAGGAATCACTACCACCATCCAAGACATACCAGCAATTTTATAGAG
 AAGGTATGAAAAATACTTCATATGTGTTGAAACATCCTTCTACTTCTAAAGTAAACAGTGTACTCCAAA
 AAAACCAAGACCAGTGAAGATGTTCTCAGATAAATCCCTCCACTTCATTGCCTTTAATGGCTCTCCT
 CCAGTGACATCCTCCCAAGTTATGCTGTCAAAGGTACAATACCTCATCTCCATATGATGCTGGAGCAG
 ATTACCTAAGAGCTTGTCCAAAGTGCAATGTTCAAGTTCATCTTTTGGATCCTTTGAAATACCACATGAA
 GCATTGTTGTCCAGACATGATACTAAATTTTGGGAGTAATTGTTAAATCAGAACGTCCATGTGATGAA
 GACAAGACTGATTCAGAGACAGGAAAGTTGATCATGTTAGTCAATGAGTTTTATTATGGAAGGCATGAAG
 GAGTCACTGAGAAAGAGCCAAAGACTTACACAACCTTTAAATGCTTCAGTTGCTCGAAAGTTCTTAAAAA
 TAATATTAGGTTTATGAACCACATGAAACATCACTTGGAACTTGAGAAGCAGAACAATGAAAGCTGGGAA
 AACCACACCACCTGCCAGCACTGTTACCGGCAATATCCACACCCTTCCAAGTGCAGTCCACATTTGAGA
 GTACACACACTCCCATGAGTTTTCTACTATTTGCAAAAATCTGTGAATTATCATTGAAACAGAGCATAT
 TCTTTTACAACATATGAAGGACACCCATAAACCTGGTGAAATGCCATATGTTTCCAGGTTTGGCCAGTTT
 AGATCATCAACATTTTCTGATGTAGAAGCTCATTTTAGAGCAGCCATGAAAACCTAAGAAGTTCAT
 GTCATTTTGCCTCAAAGTTAGTAAAAATGGCAACCCCTACATGAATCATTACATGAAGCATCAGAAAAA
 AGGAGTTCATCGTTGCCAAAAATGCAGACTACAATTTTGGACAGCAAGGAGAAAGCTGAACATAAGGCG
 CAGCATCGTACATTTATAAAGCCTAAAGAACTAGAAGGATTGCCTCCTGGAGCAAAGTTACTATTCGAG
 CTTCACTTGGACCTCTCCAGTCAAATACCAACTGCACCTTTCGGTTGCGCTCCAGGCCTTCTTTTCT
 TCAGGTACACCTCCGACATCTCAAATACAACGCTAGAAATCCTAGAAAATCTAATGCCAGTAGATCT
 AAGACAAGTAAGTTCATGCAACTACATCCACTGCAAGTAAAGTTAATACAAGTAAGCCAAGGGGACGTA
 TAGCTAAGTCAAAGCAAACCTCTTACAAGCAAAGCGACAGCGCAACAGAAAAATAAATGAGCCT
 TGCTTTGAAGAACATAAGGTGTCGTCGGGGCATTACAAGTGCATTGAATGTCATTCCAAAAATAAAGAT
 TTTGCAAGCCACTTTTCTATATACATCCACTGCAGTTTTTGAAGTACAATACTAACTGTAAACAAAGCCT
 TTGTAATCATATGATGAGCTCTCATAGCAACCATCCAGGTAACGGTTTTGTATTTTCAAGAAGCATT
 AGGAACTCTCAGGGGCATTACTCTAGTGTGCCTTAAATGTGATTTCTAGCTGATTTCCGGCTTAGAT
 CGTATGGCTAAACACTTAAGTCAACGTAACCTCATACTTGCCAAGTTATAATAGAGAATGTTTCCAAAA
 GTACCTCAACTTCTGAACCCACTACTGGCTGCTCATTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC208005 protein sequence
Red=Cloning site Green=Tags(s)

```
MDDDKPFQPKNISKMAELFMECEEELEPWQKKVEETQDEDDDELIFVGEISSSKPAISNILNRGHSSSS
SKGIKSEPHSPGIPEIFRTASQRCRPPSNPVAASPRFHLVSKSSQSSVTVENASKPDFTKNSQVGS DNS
SILLFDSTQESLPPSQDIPAIIFREGMKNTSYVLKHPSTSKVNSVTPKPKTSEDVPOINPSTSLPLIGSP
PVTSSQVMLSKGNTSSPYDAGADYLRACPKCNVQFNLLDPLKYHMKHCCPDMITKFLGVIKSERPCDE
DKTDSETGKLI MLVNEFYGRHEGVTEKEPKTYTTFKCFSCSKVLKNNIRFMNHMKHLELEKQNNESWE
NHTTCQHCYRQYPTPFQLQCHIESTHTPHEFSTICKICELSFETE HILLQHMKDTHKPGEMPYVCQVCQF
RSSTFSDVEAHFRAAHENTKNLLCPFCLKVSKMATPYMNHMKHQKKGVHRCPKCRLQFLT SKEAEHKA
QHRTFIKPELEGLPPGAKVTIRASLGPLQSKLPTAPFGCAPGTSFLQVTPPTSQNTTARNPRKSNASRS
KTSK LHATTSTASKVNTSKPRGRIAKSKAKPSYKQKRQRNRKNMSLALKNIRCRRIHCKIECHSKIKD
FASHFSIYIHCSFCKYNTNCNAFVNHMMSSHSNHPGKRFCIFKKHSGTLRGITLVCLKCDFLADSSGLD
RMAKHL SQRKTHTCQVI IENVSKSTSTSEPTTGCSLK
```

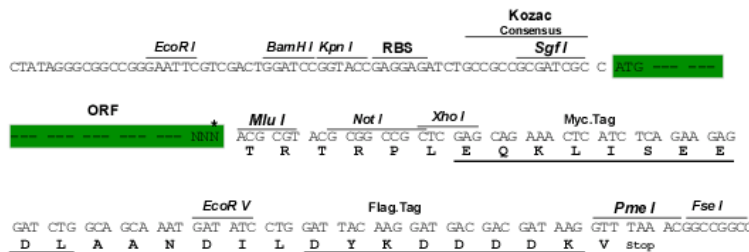
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6341_g02.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_017666

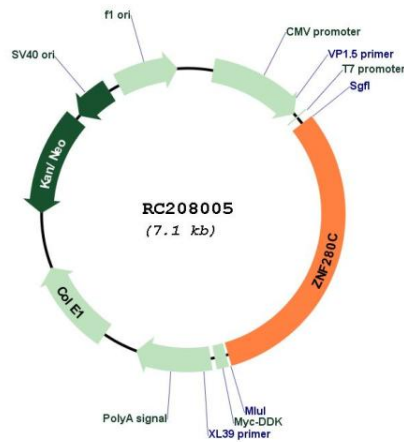
ORF Size: 2211 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_017666.2</u> , <u>NP_060136.1</u>
RefSeq Size:	4695 bp
RefSeq ORF:	2214 bp
Locus ID:	55609
UniProt ID:	<u>Q8ND82</u>
Cytogenetics:	Xq26.1
Domains:	zf-C2H2
MW:	83.1 kDa
Gene Summary:	This gene encodes a member of the zinc finger domain-containing protein family. This family member contains multiple Cys2-His2(C2H2)-type zinc finger domains, the most common type of zinc finger domain that self-folds to form a beta-beta-alpha structure that binds a zinc ion. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RC208005